

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : T42038

Employer : 520 Pike Tower

Worksite : 520 Pike Tower

Street : 520 Pike St

Jurisdiction : City of Seattle

Survey Date : 10/23/2017

Survey : TMP

Survey Type : Online

Response Rate : 59%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 29.1%

Reported Total Employees at Worksite: 672

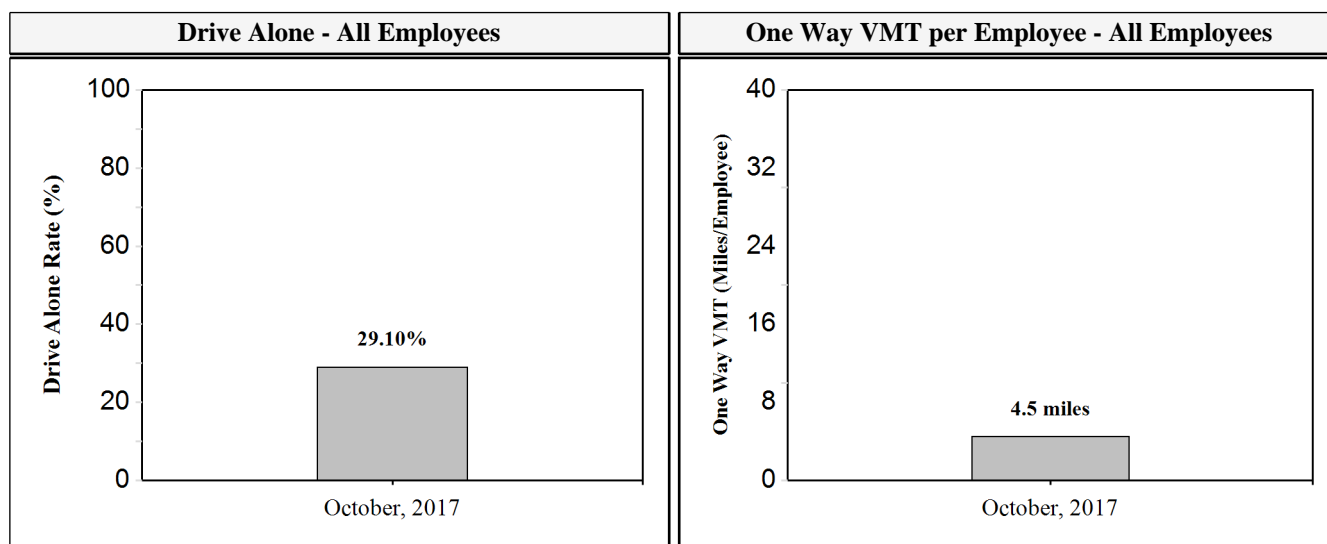
Surveys Distributed : 672

One-Way VMT per employee : 4.5

Surveys Returned : 396

Surveys Returned by CTR Affected Employees : 355

Total Estimated CTR - Affected Employees at Worksite : 602



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
October, 2017	29.1%	29.8%	4.5	4.7

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	October, 2017	October, 2017 Without Fill-In
Drive Alone - All Employees*	29.1%	40.4%
Drive Alone - CTR Affected Employees*	29.8%	41.9%
VMT/Employee - All Employees	4.5	5.9
VMT/Employees - CTR Affected Employees	4.7	6.2

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	October, 2017
Emissions for Surveyed Employees	393
Estimated Emissions for Total Employment	667

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	October, 2017
Bus Annual Passenger Miles - Estimated for Total Employment	1,478,061
Bus Annual Passenger Miles - Surveyed Employees	871,000
Ferry Annual Passenger Miles - Estimated for Total Employment	127,442
Ferry Annual Passenger Miles - Surveyed Employees	75,100
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	487,030
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	287,000

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

Q3.

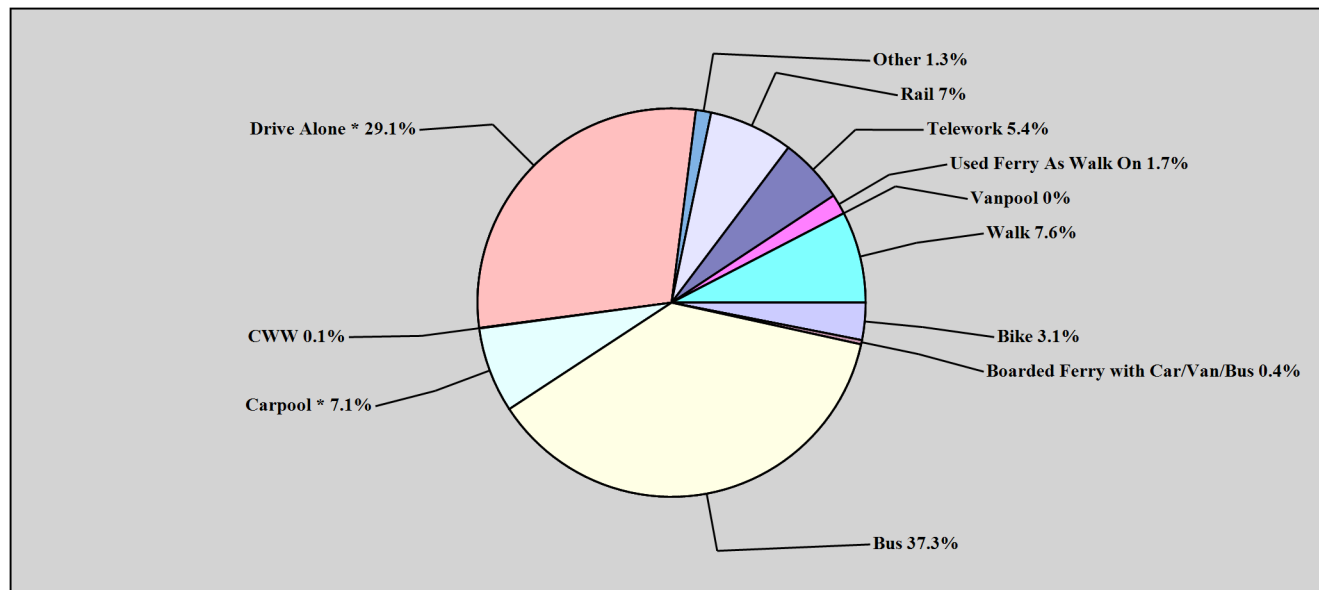
One way, how many miles do you commute from home to your usual work location?

Average one-way distance home to work: 13.4 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



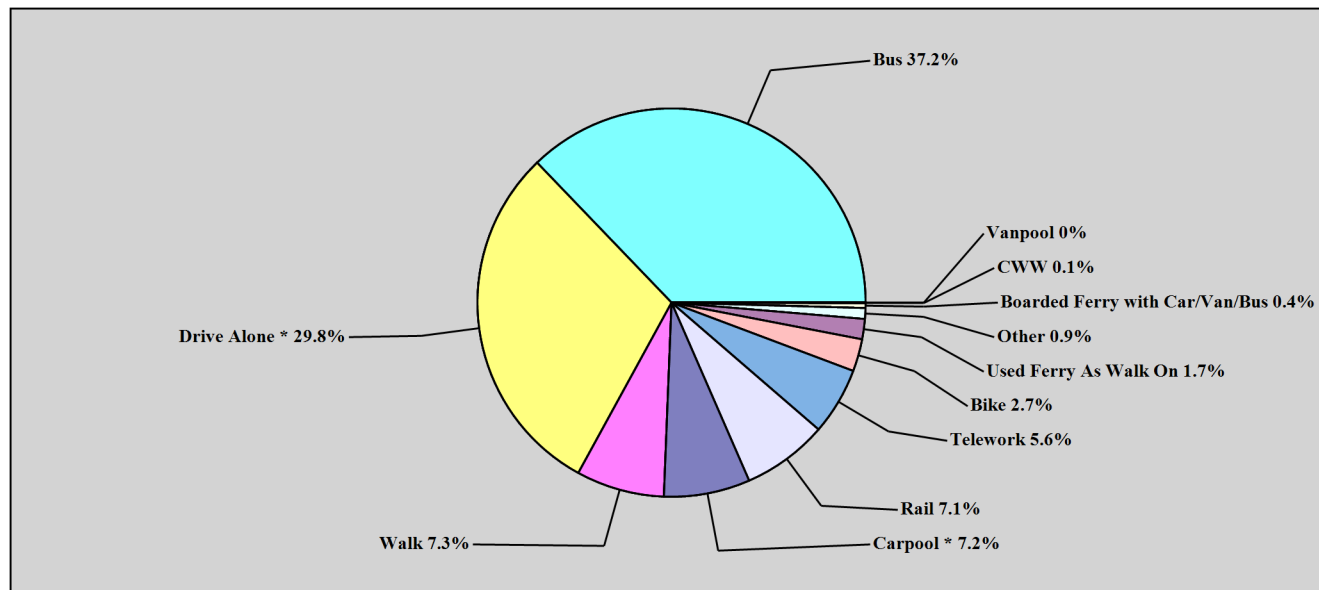
Mode	Trips During This Survey Week	% of Trips During This Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week
Drive Alone *	573	29.1%	160	40.4%
Carpool *	140	7.1%	42	10.6%
Vanpool	0	0%	0	0%
Bus	735	37.3%	176	44.4%
Rail	138	7%	45	11.4%
Bike	61	3.1%	16	4%
Walk	150	7.6%	35	8.8%
Telework	107	5.4%	55	13.9%
CWW	1	0.1%	1	0.3%
Boarded Ferry with Car/Van/Bus	7	0.4%	2	0.5%
Used Ferry As Walk On	33	1.7%	8	2%
Other	25	1.3%	11	2.8%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week
Drive Alone *	532	29.8%	144	40.6%
Carpool *	128	7.2%	39	11%
Vanpool	0	0%	0	0%
Bus	663	37.2%	158	44.5%
Rail	127	7.1%	40	11.3%
Bike	48	2.7%	13	3.7%
Walk	131	7.3%	31	8.7%
Telework	100	5.6%	51	14.4%
CWW	1	0.1%	1	0.3%
Boarded Ferry with Car/Van/Bus	7	0.4%	2	0.6%
Used Ferry As Walk On	30	1.7%	7	2%
Other	16	0.9%	8	2.3%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	85	21%	396	100%
1 Days	11	3%	311	79%
2 Days	17	4%	300	76%
3 Days	27	7%	283	71%
4 Days	41	10%	256	65%
5 Days	196	49%	215	54%
6 or More Days	19	5%	19	5%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non- Drive Alone At Least 3 Days / week	
5 days a week	69	18.5%	26	7%	140	37.6%	26	7%	26	7%	0	0%	41	11%	3	0.8%	269	72.3%
4 days a week (4/10s)	0	0%	4	44.4%	1	11.1%	2	22.2%	0	0%	0	0%	0	0%	0	0%	4	44.4%
3 days a week	0	0%	2	25%	4	50%	0	0%	1	12.5%	0	0%	0	0%	0	0%	5	62.5%
9 days in 2 weeks (9/80)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	0	0%	3	42.9%	0	0%	0	0%	0	0%	2	28.6%	0	0%	5	71.4%

Count by Occupancy of Carpools and Vanpools

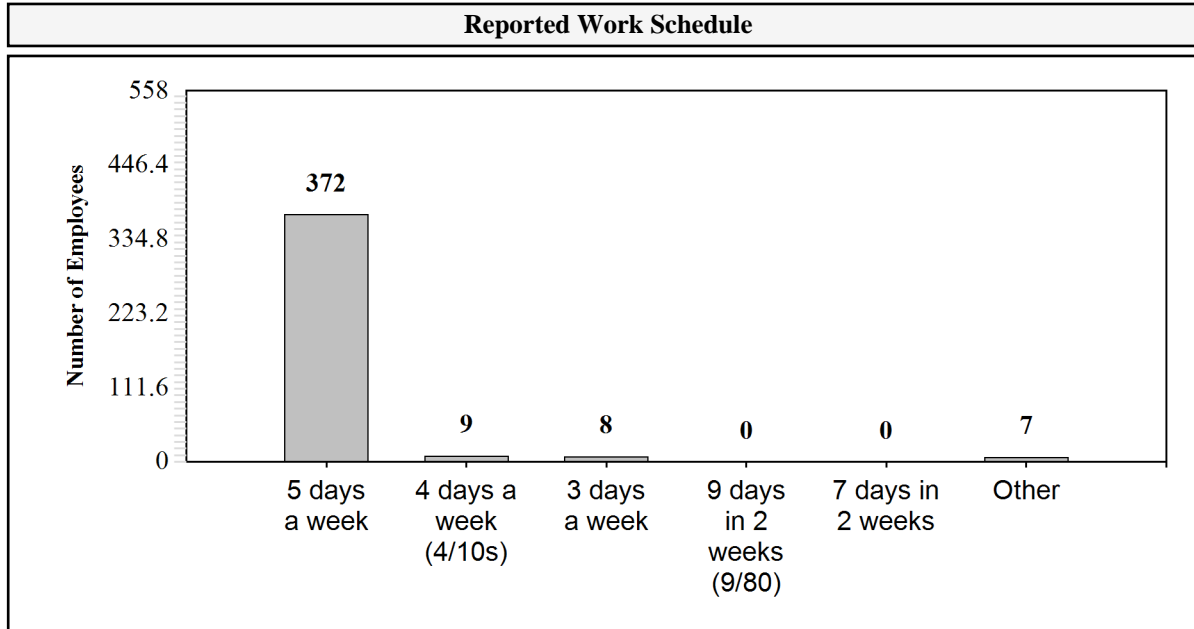
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	128
3	Carpool	12
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

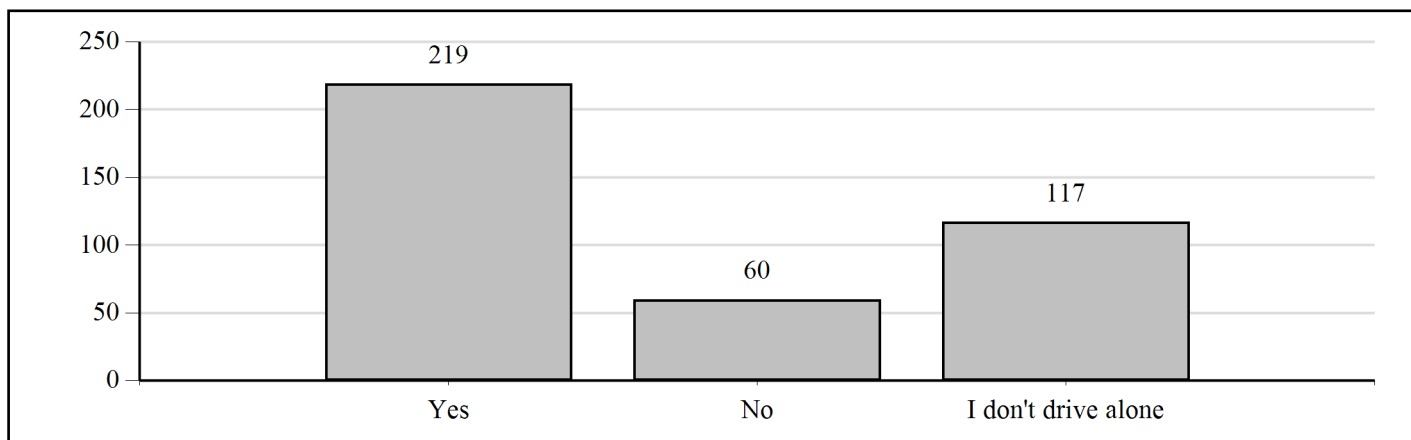
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	372	93.9%
4 days a week (4/10s)	9	2.3%
3 days a week	8	2%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	7	1.8%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	171	43.2%
Occasionally, on an as-needed basis	114	28.8%
1-2 days/month	45	11.4%
1 day/week	24	6.1%
2 days/week	21	5.3%
3 days/week	21	5.3%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Cost of parking or lack of parking	175	19.1%
To save money	158	17.3%
Free or subsidized bus, train, vanpool pass or fare benefit	146	16.0%
Environmental and community benefits	80	8.7%
I have the option of teleworking	77	8.4%
Personal health or well-being	74	8.1%
To save time using the HOV lane	74	8.1%
Other	68	7.4%
Driving myself is not an option	36	3.9%
Financial incentives for carpooling, bicycling or walking.	17	1.9%
Emergency ride home is provided	5	0.5%
I receive a financial incentive for giving up my parking space	3	0.3%
Preferred/reserved carpool/vanpool parking is provided	2	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	191	24.4%
I like the convenience of having my car	182	23.2%
My job requires me to use my car for work	121	15.4%
Other	115	14.7%
Family care or similar obligations	114	14.5%
Bicycling or walking isn't safe	26	3.3%
My commute distance is too short	21	2.7%
I need more information on alternative modes	10	1.3%
There isn't any secure or covered bicycle parking	4	0.5%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	9	0	1	9	0	6	5
2	4	0	0	20	2	1	14	0	0	2
3	1	0	0	10	1	0	4	0	2	0
4	3	0	0	13	0	0	14	0	0	0
5	5	0	0	25	0	0	4	0	0	0
6	1	0	0	10	0	1	10	0	2	0
7	1	0	0	3	0	0	2	0	0	0
8	1	0	0	13	0	0	7	0	0	0
9	0	0	0	7	0	0	1	0	0	0
10	2	1	0	47	0	0	17	0	7	1
11 or more	1	0	0	15	0	2	4	0	0	0
# Of Employees using Transit	19	1	0	172	3	5	86	0	17	8
Total One-Way Transit Trips Per Week	101	10	0	1201	7	38	493	0	94	19

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	8	0	1	7	0	6	5
2	4	0	0	16	2	0	9	0	0	2
3	1	0	0	7	0	0	4	0	1	0
4	2	0	0	13	0	0	13	0	0	0
5	5	0	0	24	0	0	4	0	0	0
6	1	0	0	9	0	1	10	0	2	0
7	1	0	0	3	0	0	2	0	0	0
8	1	0	0	10	0	0	6	0	0	0
9	0	0	0	6	0	0	1	0	0	0
10	2	1	0	43	0	0	15	0	7	1
11 or more	1	0	0	12	0	2	4	0	0	0
# Of Employees using Transit	18	1	0	151	2	4	75	0	16	8
Total One-Way Transit Trips Per Week	97	10	0	1060	4	36	449	0	91	19

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98103	21	5.30%	36	5	0	0	55	0	0	0	8	0	0	0	1
98102	15	3.79%	19	2	0	0	12	13	16	11	0	1	0	0	4
98122	13	3.28%	8	0	0	0	23	3	0	32	0	0	0	0	1
98109	12	3.03%	0	0	0	0	41	2	5	13	0	0	0	0	0
98115	12	3.03%	26	5	0	0	22	0	0	0	7	0	0	0	0
98144	12	3.03%	12	4	0	5	13	10	10	0	2	0	0	0	0
98034	11	2.78%	25	0	0	0	28	0	0	0	2	0	0	0	0
98121	11	2.78%	10	5	0	0	0	2	0	35	2	0	0	0	3
98133	11	2.78%	11	2	0	0	37	0	0	0	0	0	0	1	0
98040	10	2.53%	24	16	0	0	10	0	0	0	1	0	0	0	0
98116	10	2.53%	25	4	0	0	18	0	0	1	3	0	0	0	2
98119	10	2.53%	8	5	0	0	30	0	2	5	0	0	0	0	0
98155	9	2.27%	12	10	0	0	17	1	1	0	5	0	0	0	0
98059	8	2.02%	26	0	0	0	14	0	0	0	0	0	0	0	0
98112	8	2.02%	11	0	0	0	21	5	0	3	0	0	0	0	2
98117	8	2.02%	9	2	0	0	19	0	8	0	3	0	0	0	0
98125	8	2.02%	8	7	0	0	25	0	0	0	2	0	0	0	0
98101	7	1.77%	0	0	0	0	0	0	0	35	0	0	0	0	0
98199	7	1.77%	17	0	0	0	15	0	4	0	0	0	0	0	0
98004	6	1.52%	13	0	0	0	13	0	0	0	0	0	0	0	0
98006	6	1.52%	16	4	0	0	10	0	0	0	0	0	0	0	0
98033	6	1.52%	17	8	0	0	5	0	0	0	0	0	0	0	0
98038	6	1.52%	4	0	0	0	13	6	0	0	5	0	0	0	0
98075	6	1.52%	17	6	0	0	2	0	0	0	2	0	0	0	2
98105	6	1.52%	0	6	0	0	20	0	5	0	0	0	0	0	0
98110	6	1.52%	0	0	0	0	0	0	9	0	1	0	0	18	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98036	5	1.26%	8	0	0	0	15	0	0	0	2	0	0	0	0
98058	5	1.26%	6	0	0	0	6	6	0	0	7	0	0	0	0
98107	5	1.26%	1	0	0	0	24	0	0	0	0	0	0	0	0
98118	5	1.26%	9	0	0	0	6	6	0	0	2	0	0	0	0
98136	5	1.26%	7	1	0	0	12	0	0	0	5	0	0	0	0
98027	4	1.01%	22	0	0	0	0	0	0	0	0	0	0	0	0
98037	4	1.01%	11	0	0	0	5	0	0	0	3	0	0	0	0
98055	4	1.01%	0	0	0	0	15	2	0	0	2	0	0	0	0
98072	4	1.01%	3	1	0	0	14	0	1	0	0	0	0	0	0
98126	4	1.01%	6	4	0	0	11	0	0	0	0	0	0	0	0
98198	4	1.01%	2	5	0	0	1	12	0	0	0	0	0	0	0
98001	3	0.76%	5	0	0	0	10	0	0	0	0	0	0	0	0
98003	3	0.76%	8	1	0	0	3	2	0	0	0	0	0	0	0
98012	3	0.76%	4	0	0	0	5	0	0	0	6	0	0	0	0
98028	3	0.76%	2	3	0	0	10	0	0	0	0	0	0	0	0
98092	3	0.76%	1	0	0	0	0	13	0	0	1	0	0	0	0
98104	3	0.76%	0	0	0	0	0	0	0	15	0	0	0	0	0
98166	3	0.76%	10	0	0	0	5	0	0	0	0	0	0	0	0
98177	3	0.76%	4	0	0	5	6	0	0	0	0	0	0	0	0
98275	3	0.76%	1	0	0	0	8	2	0	0	0	0	0	0	0
98407	3	0.76%	5	2	0	0	5	3	0	0	0	0	0	0	0
98007	2	0.51%	5	0	0	0	5	0	0	0	0	0	0	0	0
98019	2	0.51%	3	0	0	0	3	0	0	0	2	0	0	0	0
98023	2	0.51%	0	0	0	0	8	0	0	0	2	0	0	0	0
98030	2	0.51%	3	0	0	0	0	7	0	0	0	0	0	0	0
98042	2	0.51%	9	0	0	0	0	0	0	0	0	0	0	0	0
98052	2	0.51%	0	0	0	0	5	0	0	0	3	0	0	0	0
98065	2	0.51%	5	0	0	0	5	0	0	0	0	0	0	0	0
98070	2	0.51%	0	0	0	0	0	0	0	0	0	0	5	7	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98087	2	0.51%	10	0	0	0	4	0	0	0	0	0	0	0	0
98106	2	0.51%	0	0	0	0	10	0	0	0	0	0	0	0	0
98108	2	0.51%	0	0	0	0	5	5	0	0	0	0	0	0	0
98146	2	0.51%	5	0	0	0	2	0	0	0	3	0	0	0	0
98208	2	0.51%	0	1	0	0	9	0	0	0	0	0	0	0	0
98354	2	0.51%	3	0	0	0	7	0	0	0	2	0	0	0	0
98370	2	0.51%	0	3	0	0	0	0	0	0	1	0	2	0	0
98406	2	0.51%	0	0	0	0	2	5	0	0	3	0	0	0	0
79110	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
97031	1	0.25%	0	0	0	0	0	0	0	0	0	0	0	0	5
98005	1	0.25%	0	5	0	0	0	0	0	0	0	0	0	0	0
98008	1	0.25%	0	5	0	0	0	0	0	0	0	0	0	0	0
98010	1	0.25%	0	4	0	0	0	0	0	0	1	0	0	0	0
98014	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
98024	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
98026	1	0.25%	0	0	0	0	5	0	0	0	0	0	0	0	0
98029	1	0.25%	1	0	0	0	2	0	0	0	0	0	0	0	0
98032	1	0.25%	0	0	0	0	0	5	0	0	0	0	0	0	0
98043	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.25%	0	5	0	0	0	0	0	0	0	0	0	0	0
98057	1	0.25%	0	0	0	0	4	0	0	0	0	0	0	0	0
98074	1	0.25%	0	0	0	0	5	0	0	0	0	0	0	0	0
98083	1	0.25%	0	0	0	0	7	0	0	0	0	0	0	0	0
98139	1	0.25%	4	1	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.25%	0	0	0	0	7	0	0	0	0	0	0	0	0
98188	1	0.25%	2	0	0	0	0	0	0	0	3	0	0	0	0
98201	1	0.25%	0	0	0	0	4	0	0	0	0	0	0	0	0
98203	1	0.25%	0	0	0	0	5	0	0	0	0	0	0	0	0
98236	1	0.25%	2	0	0	0	0	3	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98258	1	0.25%	2	0	0	0	0	0	0	0	4	0	0	0	0
98270	1	0.25%	0	0	0	0	5	0	0	0	0	0	0	0	0
98271	1	0.25%	0	4	0	0	0	0	0	0	1	0	0	0	0
98272	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
98290	1	0.25%	1	4	0	0	0	0	0	0	0	0	0	0	0
98296	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.25%	0	0	0	0	0	0	0	0	3	0	0	2	0
98312	1	0.25%	0	0	0	0	0	0	0	0	0	0	0	5	2
98338	1	0.25%	4	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.25%	0	0	0	0	0	0	0	0	3	0	0	0	2
98372	1	0.25%	0	0	0	0	0	5	0	0	0	0	0	0	0
98373	1	0.25%	0	0	0	0	0	4	0	0	0	0	0	0	0
98387	1	0.25%	0	0	0	0	0	5	0	0	0	0	0	0	0
98418	1	0.25%	0	0	0	0	0	3	0	0	2	0	0	0	0
98445	1	0.25%	2	0	0	0	0	0	0	0	0	0	0	0	0
98465	1	0.25%	0	0	0	0	0	3	0	0	2	0	0	0	0
98466	1	0.25%	0	0	0	0	0	4	0	0	0	0	0	0	0
98467	1	0.25%	0	0	0	0	1	1	0	0	1	0	0	0	0
98597	1	0.25%	3	0	0	0	1	0	0	0	0	0	0	0	1